

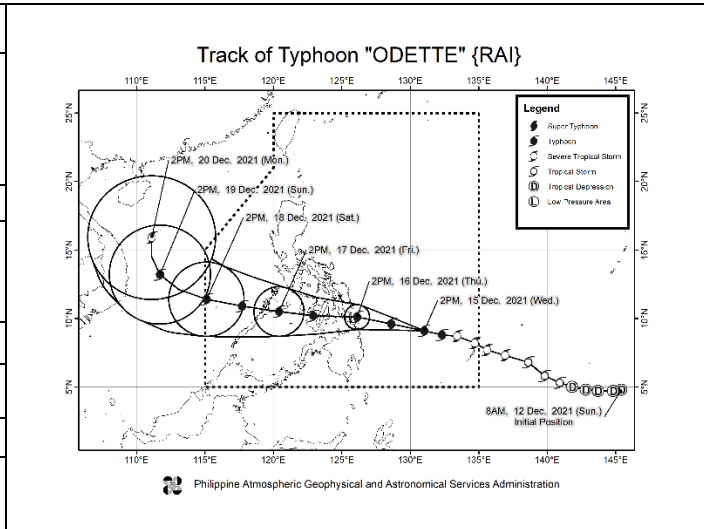


**TROPICAL CYCLONE BULLETIN NO. 4**  
**Typhoon "ODETTE"**

Issued at 5:00 PM, 15 December 2021  
 Valid for broadcast until the next bulletin at 8:00 PM today

**"ODETTE" FURTHER INTENSIFIES WHILE MOVING WEST NORTHWESTWARD OVER THE PHILIPPINE SEA.**

<b>Location of Center (4:00 PM)</b>
The center of Typhoon "ODETTE" was estimated based on all available data at <b>485 km East of Hinatuan, Surigao del Sur (9.1°N, 130.7°E)</b>
<b>Intensity</b>
Maximum sustained winds of <b>130 km/h</b> near the center, gustiness of up to <b>160 km/h</b> , and central pressure of <b>970 hPa</b>
<b>Present Movement</b>
<b>Westward northwestward at 25 km/h</b>
<b>Extent of Tropical Cyclone Winds</b>
<b>Strong winds or higher</b> extend outwards up to <b>400 km</b> from the center



**TRACK AND INTENSITY FORECAST**

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 2:00 AM 16 December 2021	9.6	128.6	340 km East of Surigao City, Surigao del Norte	140	TY	WNW 20
<b>24-Hour Forecast</b> 8:00 PM 16 December 2021	10.1	126.1	Over the coastal waters of Santa Monica, Surigao del Norte	155	TY	WNW 25
<b>36-Hour Forecast</b> 2:00 AM 17 December 2021	10.2	122.9	In the vicinity of Binalbagan, Negros Occidental	130	TY	W 30
<b>48-Hour Forecast</b> 8:00 AM 17 December 2021	10.5	120.4	Over the coastal waters of Araceli, Palawan	130	TY	W 25
<b>60-Hour Forecast</b> 2:00 AM 18 December 2021	10.9	117.7	395 km East of Pag-asa Island, Kalayaan, Palawan	130	TY	W 25
<b>72-Hour Forecast</b> 8:00 AM 19 December 2021	11.4	115.1	120 km East Northeast of Pag-asa Island, Kalayaan, Palawan	140	TY	WNW 25
<b>96-Hour Forecast</b> 8:00 AM 20 December 2021	13.2	111.7	360 km Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	120	TY	WNW 20
<b>120-Hour Forecast</b> 8:00 AM 21 December 2021	15.9	111.1	990 km West of Northern Luzon (outside the PAR)	110	STS	NNW 15



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<b>TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT</b>			
<b>TCWS No.</b>	<b>Luzon</b>	<b>Visayas</b>	<b>Mindanao</b>
<b>2</b> (Damaging gale- to storm-force winds prevailing or expected within 24 hours)	-	<p><b>The southern portion of Eastern Samar</b> (<i>City of Borongan, Maydolong, Balangkayan, Llorente, Lawaan, Balangiga, Giporlos, Quinapondan, General Macarthur, Hernani, Salcedo, Mercedes, Guiuan</i>), <b>the southern portion of Samar</b> (<i>Basey, Marabut, Santa Rita</i>), <b>Southern Leyte, the central and southern portions of Leyte</b> (<i>Ormoc City, Jaro, Alangalang, Tacloban City, Palompon, Merida, Isabel, Palo, Santa Fe, Pastrana, Tanauan, Dagami, Tabontabon, Tolosa, Julita, Dulag, Burauen, Albuera, City of Baybay, La Paz, Mayorga, Macarthur, Javier, Abuyog, Mahaplag, Inopacan, Hindang, Hilongos, Bato, Matalom, Babatngon</i>), <b>Camotes Islands, and the eastern portion of Bohol</b> (<i>Garcia Hernandez, Jagna, Sierra Bullones, Dagohoy, Talibon, Trinidad, San Miguel, Pilar, Duero, Guindulman, Anda, Candijay, Alicia, Mabini, Ubay, Bien Unido, Pres. Carlos P. Garcia</i>)</p>	<p><b>Surigao del Norte, Surigao del Sur, Dinagat Islands, Agusan del Sur, Agusan del Norte, the northeastern portion of Bukidnon</b> (<i>Impasug-Ong, Malitbog</i>), <b>the eastern portion of Misamis Oriental</b> (<i>Villanueva, Jasaan, Claveria, Balingasag, Lagonglong, Salay, Medina, Gingoog City, Magsaysay, Talisayan, Balingoan, Kinoguitan, Sugbongcogon, Binuangan</i>), and <b>Camiguin</b></p>



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<b>TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT</b>			
<b>TCWS No.</b>	<b>Luzon</b>	<b>Visayas</b>	<b>Mindanao</b>
<b>1</b> (Strong winds prevailing or expected within 36 hours)	<p><b>Catanduanes, Camarines Sur, Albay, Sorsogon, Masbate including Ticao and Burias Islands, the southern portion of Quezon</b> (<i>Guinayangan, Lopez, Macalelon, General Luna, Catanauan, Buenavista, San Narciso, Mulanay, San Francisco, San Andres</i>), <b>Marinduque, Romblon, the central and southern portions of Oriental Mindoro</b> (<i>City of Calapan, Naujan, Victoria, Pola, Socorro, Pinamalayan, Gloria, Bansud, Bongabong, Roxas, Mansalay, Bulalacao</i>), <b>the central and southern portions of Occidental Mindoro</b> (<i>Sablayan, Calintaan, Rizal, San Jose, Magsaysay</i>), and <b>the northern portion of Palawan</b> (<i>Taytay, Dumarán, Araceli, El Nido, Calamian Islands, Cuyo Islands</i>)</p>	<p><b>Northern Samar, the rest of Eastern Samar, the rest of Samar, Biliran, the rest of Leyte, the rest of Bohol, Cebu, Siquijor, Negros Oriental, Negros Occidental, Guimaras, Iloilo, Antique, Capiz, and Aklan</b></p>	<p><b>The northern portion of Davao Oriental</b> (<i>Boston, Cateel</i>), <b>the northern portion of Davao de Oro</b> (<i>Monkayo, Compostela, Montevista, Laak</i>), <b>the northern portion of Davao del Norte</b> (<i>San Isidro, Kapalóng</i>), <b>the northwestern and central portions of Bukidnon</b> (<i>City of Malaybalay, Cabanglasan, San Fernando, City of Valencia, Lantapan, Talakag, Baungon, Libona, Sumilao, Manolo Fortich</i>), <b>the rest of Misamis Oriental, Misamis Occidental, the northern portion of Lanao del Norte</b> (<i>Iligan City, Tagoloan, Pantar, Baloi, Matungao, Linamon, Kauswagan, Poona Piagapo, Bacolod, Maigo, Kolambugan, Munai</i>), <b>the northern portion of Zamboanga del Sur</b> (<i>Dumíngag, Mahayag, Molave, Josefina</i>), <b>the northwestern portion of Zamboanga del Norte</b> (<i>Jose Dalman, Manukan, Pres. Manuel A. Roxas, Katipunan, Sergio Osmeña Sr., Dipolog City, Polanco, Piñan, Mutia, Dapitan City, La Libertad, Rizal, Sibutad, Siayan, Sindangan, Bacungan, Salug, Godod, Liloy</i>), <b>and the northern portion of Lanao del Sur</b> (<i>Tagoloan II, Kapai, Bubong</i>)</p>



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### Typhoon "ODETTE"

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#### HAZARDS AFFECTING LAND AREAS

##### Heavy Rainfall

- **Today through tomorrow early morning:** Light to moderate with at times heavy rains are possible over Caraga, Davao Oriental, Eastern Samar, Samar, and Southern Leyte due to the trough and the outermost rain bands of "ODETTE"
- **Tomorrow early morning through Friday early morning:** Heavy to intense with at times torrential rains over Dinagat Islands, Surigao del Norte, the northern portion of Surigao del Sur, Agusan del Norte, the northern portion of Agusan del Sur, Camiguin, Misamis Oriental, Southern Leyte, Bohol, Cebu, Siquijor, Negros Oriental, and Negros Occidental. Moderate to heavy with at times intense rains over Leyte, the southern portions of Eastern Samar and Samar, Iloilo, Capiz, Aklan, Antique, Guimaras, the northern portion of Zamboanga del Norte and the rest of Caraga. Light to moderate with at times heavy rains over Bicol Region, the rest of Zamboanga del Norte, Oriental Mindoro, Romblon, and the rest of Visayas and Northern Mindanao
- **Friday early morning through Saturday early morning:** Heavy to intense with at times torrential rains over Western Visayas, and the northern and central portions of Palawan including Cuyo and Cagayancillo Islands. Moderate to heavy with at times intense rains over Occidental Mindoro, Oriental Mindoro, and Negros Oriental. Light to moderate with at times heavy rains over Bicol Region, Zamboanga del Norte, Quezon, Aurora, the eastern portions of Cagayan and Isabela, and the rest of Visayas.
- Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

##### Severe Winds

- Gale- to storm-force strength will be experienced within any of the areas where TCWS #2 is in effect. This may result in generally light to moderate damage to structures and vegetation.
- Strong winds (strong breeze to near gale) with higher gusts will be experienced within any of the areas where TCWS #1 is currently in effect during the passage of the severe tropical storm. This may generally bring up to very light damage to structures and vegetation.
- **Areas under TCWS will be expanded** in succeeding bulletins, while the **hoisted wind signals in some localities of the country will be upgraded** as "ODETTE" moves closer. The highest level of wind signal that may be hoisted during the passage of "ODETTE" is TCWS #3 due to possible destructive typhoon-force winds in localities near or along the path of this tropical cyclone.

##### Coastal Inundation

A minimal to moderate risk of storm surge reaching up to 2.0 m in height may occur in the next 48 hours. Rising sea water along with the high waves from the shoreline moving inland may cause flooding in the low-lying coastal localities of the northern portions of Eastern and Samar, the rest of Visayas southern portion of Masbate, Surigao del Norte, Surigao del Sur, Dinagat Islands, Camiguin, Misamis Oriental, Misamis Occidental, Lanao del Norte, Zamboanga del Norte, and the northern portion of Palawan. For more information, refer to Storm Surge Watch #2 issued at 11:00 AM today.

#### HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, moderate to high seas (1.2 to 7.5 m) will be experienced over the seaboard of areas where TCWS is in effect (especially in the open sea areas). **These conditions are risky for all types of sea vessels.** Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Under the influence of Typhoon "ODETTE" and the prevailing Northeast Monsoon, a **Gale Warning remains in effect** for the seaboard of Northern Luzon, the eastern seaboard of Central Luzon, the eastern and western seaboard of Southern Luzon, the western seaboard of Visayas, and the eastern seaboard of Mindanao not under any wind signal. For more information, refer to Gale Warning #48 issued at 5:00 PM today.
- In the next 24 hours, moderate to rough seas (1.2 to 3.1 m) will also prevail over the remaining seaboard of Central Luzon, Southern Luzon, and the western and northern seaboard of Mindanao that are not under any wind signal. **These conditions are risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

#### TRACK AND INTENSITY OUTLOOK

- Typhoon "ODETTE" is forecast to move west northwestward until tonight or tomorrow early morning, then westward thereafter. On the forecast track, the center of this tropical cyclone is forecast to make landfall in the vicinity of Caraga or Eastern Visayas tomorrow afternoon or evening. Afterwards, the center of "ODETTE" will continue moving generally westward and cross several provinces in Central and Western Visayas regions before emerging over the Sulu Sea on Friday morning or afternoon. After passing near or over the Cuyo archipelago, this tropical cyclone is forecast to cross the northern portion of Palawan on Friday evening before emerging over the West Philippine Sea.
- Further intensification is expected today through tomorrow as the typhoon crosses the Philippine Sea and may reach a peak intensity of 155 km/h prior to making landfall tomorrow afternoon. This tropical cyclone may see some slight weakening as it crosses the Visayas and Palawan, but it is forecast to remain within the typhoon category. Re-intensification is likely once "ODETTE" emerges over the West Philippine Sea.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 8:00 PM today.

.DOST-PAGASA

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